

First Cenomanian dinosaur from Central Europe (Czech Republic)

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We describe the first dinosaur skeletal remains found in the Czech Republic, consisting of one complete femur and indeterminable bone fragments. They were recovered from the upper Cenomanian near-shore marine sediments deposited on the slopes of an ancient archipelago, several kilometres north of the larger Rhenish-Bohemian Island that was situated in what is now the middle of Europe. Sediments yielding dinosaur remains are of late Cenomanian age, *Inoceramus pictus*-*I. pictus bohemicus* inoceramid zone of the local lithostratigraphic unit, the Peruc-Korycany Formation. These are the first uncontested dinosaurian fossils reported from this formation and also the first Cenomanian dinosaur record in Central Europe. They document a small ornithopod belonging to an iguanodontid species comparable with similar Late Cretaceous European forms. The herbivorous dinosaur lived among a vegetation transitional between salt marsh flora, with abundant halophytic conifer *Frenelopsis alata*; and an alluvial plain assemblage dominated by lauroid angiosperms.

Key words: Dinosauria, Iguanodontidae, palaeoenvironment, vegetation, Cenomanian, Bohemian Cretaceous Basin, Czech Republic, Europe.

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